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1111 ***Robert P. Machold, Sofia Andrée, Luc Van Kaer, Hans-Gustaf Ljunggren, and Hidde L. Ploegh.*** Peptide influences the folding and intracellular transport of free major histocompatibility complex class I heavy chains

1123 ***Li Liao, Rajeev Sindhwani, Marcos Rojkind, Stephen Factor, Leslie Leinwand, and Betty Diamond.*** Antibody-mediated autoimmune myocarditis depends on genetically determined target organ sensitivity

1133 ***Jenny E. Gumperz, Virginia Litwin, Joseph H. Phillips, Lewis L. Lanier, and Peter Parham.*** The Bw4 public epitope of HLA-B molecules confers reactivity with natural killer cell clones that express NKB1, a putative HLA receptor

1145 ***Deborah J. Lenschow, Stephen C. Ho, Husain Sattar, Lesley Rhee, Gary Gray, Nasrin Nabavi, Kevan C. Herold, and Jeffrey A. Bluestone.*** Differential effects of anti-B7-1 and anti-B7-2 monoclonal antibody treatment on the development of diabetes in the nonobese diabetic mouse

1157 ***Jessica H. Roark, Cathy L. Kuntz, Kim-Anh Nguyen, Andrew J. Caton, and Jan Erikson.*** Breakdown of B cell tolerance in a mouse model of systemic lupus erythematosus

1169 ***Hayyoung Lee, Marcello Arsura, Min Wu, Mabel Duyao, Alan J. Buckler, and Gail E. Sonenshein.*** Role of Rel-related factors in control of c-*myc* gene transcription in receptor-mediated apoptosis of the murine B cell WEHI 231 line

1179 ***Francis W. Luscinskas, Han Ding, and Andrew H. Lichtman.*** P-selectin and vascular cell adhesion molecule 1 mediate rolling and arrest, respectively, of $CD4^+$ T lymphocytes on tumor necrosis factor α–activated vascular endothelium under flow

1187 ***Cynthia J. Guidos, Christine J. Williams, Gillian E. Wu, Christopher J. Paige, and Jayne S. Danska.*** Development of $CD4^+CD8^+$ thymocytes in RAG-deficient mice through a T cell receptor β chain–independent pathway

1197 ***Andrew C. Issekutz and Thomas B. Issekutz.*** Monocyte migration to arthritis in the rat utilizes both CD11/CD18 and very late activation antigen 4 integrin mechanisms

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1205 ***Paul D. Crowe, Barbara N. Walter, Kendall M. Mohler, Carol Otten-Evans, Roy A. Black, and Carl F. Ware.*** A metalloprotease inhibitor blocks shedding of the 80-kD TNF receptor and TNF processing in T lymphocytes

1211 ***Marc E. Rothenberg, Andrew D. Luster, Craig M. Lilly, Jeffrey M. Drazen, and Philip Leder.*** Constitutive and allergen-induced expression of eotaxin mRNA in the guinea pig lung

1217 ***Nobuaki Hama, Fotini Paliogianni, Barri J. Fessler, and Dimitrios T. Boumpas.*** Calcium/calmodulin-dependent protein kinase II downregulates both calcineurin and protein kinase C–mediated pathways for cytokine gene transcription in human T cells

1223 ***Benjamin E. Rich and Philip Leder.*** Transgenic expression of interleukin 7 restores T cell populations in nude mice

1229 ***Anthony J. Coyle, Francois Erard, Claude Bertrand, Simone Walti, Hanspeter Pircher, and Graham Le Gros.*** Virus-specific $CD8^+$ cells can switch to interleukin 5 production and induce airway eosinophilia

1235 ***Hisashi Arase, Noriko Arase, and Takashi Saito.*** Fas-mediated cytotoxicity by freshly isolated natural killer cells

1239 ***Anthony A. Horner, Haifa Jabara, Narayanaswamy Ramesh, and Raif S. Geha.*** γ/δ T lymphocytes express CD40 ligand and induce isotype switching in B lymphocytes

1245 ***Claudia Giachino, Elisabetta Padovan, and Antonio Lanzavecchia.*** $\kappa^+\lambda^+$ dual receptor B cells are present in the human peripheral repertoire.

1251 ***Jennifer E. Matyniak and Steven L. Reiner.*** T helper phenotype and genetic susceptibility in experimental Lyme disease

1255 ***Peter C. Wilkinson and Foo Y. Liew.*** Chemoattraction of human blood T lymphocytes by interleukin-15

1261 ***Correction***

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1267 ***Hanna Yoko Irie, K. S. Ravichandran, and Steven J. Burakoff.*** CD8β chain influences CD8α chain–associated Lck kinase activity

1275 ***Weijia Xia, Clare E. Pinto, and Richard L. Kradin.*** The antigen-presenting activities of Ia^+ dendritic cells shift dynamically from lung to lymph node after an airway challenge with soluble antigen

1285 ***Bernard P. Mahon, Kersi Katrak, Akio Nomoto, Andrew J. Macadam, Philip D. Minor, and Kingston H. G. Mills.*** Poliovirus-specific $CD4^+$ Th1 clones with both cytotoxic and helper activity mediate protective humoral immunity against a lethal poliovirus infection in transgenic mice expressing the human poliovirus receptor

1293 ***Montserrat Casamayor-Palleja, Mahmood Khan, and Ian C. M. MacLennan.*** A subset of $CD4^+$ memory T cells contains preformed CD40 ligand that is rapidly but transiently expressed on their surface after activation through the T cell receptor complex

1303 ***Paolo Lusso, Alfredo Garzino-Demo, Richard W. Crowley, and Mauro S. Malnati.*** Infection of γ/δ T lymphocytes by human herpesvirus 6: transcriptional induction of CD4 and susceptibility to HIV infection

1311 ***Stephen C. Peiper, Zi-xuan Wang, Kuldeep Neote, Alvin W. Martin, Henry J. Showell, Maryrose J. Conklyn, Kevin Ogborne, Terrence J. Hadley, Zhao-hai Lu, Joseph Hesselgesser, and Richard Horuk.*** The Duffy antigen/receptor for chemokines (DARC) is expressed in endothelial cells of Duffy negative individuals who lack the erythrocyte receptor

1319 ***Carla Miller, Jaroslav Stedra, Garnett Kelsoe, and Jan Cerny.*** Facultative role of germinal centers and T cells in the somatic diversification of IgV_H genes

1333 ***Keping Xie, Suyun Huang, Zhongyun Dong, Shin-Hun Juang, Mordechai Gutman, Qiaowen Xie, Carl Nathan, and Isaiah J. Fidler.*** Transfection with the inducible nitric oxide synthase gene suppresses tumorigenicity and abrogates metastasis by K-1735 murine melanoma cells

1345 ***Yong Guo, Yan Wu, Min Zhao, Xiang-Peng Kong, and Yang Liu.*** Mutational analysis and an alternatively spliced product of B7 defines its CD28/CTLA4-binding site on immunoglobulin C-like domain

1357 ***Sten E. W. Jacobsen, Cecilie Okkenhaug, June Myklebust, Ole P. Veiby, and Stewart D. Lyman.*** The FLT3 ligand potently and directly stimulates the growth and expansion of primitive murine bone marrow progenitor cells in vitro: synergistic interactions with interleukin (IL) 11, IL-12, and other hematopoietic growth factors

1365 ***Michèl R. Klein, Carel A. van Baalen, Agnes M. Holwerda, Susana R. Kerkhof Garde, Richard J. Bende, Ireneus P. M. Keet, Jan-Karel M. Eeftinck-Schattenkerk, Albert D. M. E. Osterhaus, Hanneke Schuitemaker, and Frank Miedema.*** Kinetics of Gag-specific cytotoxic T lymphocyte responses during the clinical course of HIV-1 infection: a longitudinal analysis of rapid progressors and long-term asymptomatics

1373 ***Parris R. Burd, Walter C. Thompson, Edward E. Max, and Frederick C. Mills.*** Activated mast cells produce interleukin 13

1381 ***Jan Bohuslav, Václav Hořejší, Cornelia Hansmann, Johannes Stöckl, Ulrich H. Weidle, Otto Majdic, Ilse Bartke, Walter Knapp, and Hannes Stockinger.*** Urokinase plasminogen activator receptor, β2-integrins, and Src-kinases within a single receptor complex of human monocytes

1391 ***François Davodeau, Marie-Alix Peyrat, François Romagné, Antje Necker, Marie-Martine Hallet, Henri Vié, and Marc Bonneville.*** Dual T cell receptor β chain expression on human T lymphocytes

1399 ***Sudershan K. Bhatia, Lorraine T. Tygrett, Kenneth H. Grabstein, and Thomas J. Waldschmidt.*** The effect of in vivo IL-7 deprivation on T cell maturation

1411 ***Ilona Hauber, Heinz Gulle, Hermann M. Wolf, Maggi Maris, Heinz Eggenbauer, and Martha M. Eibl.*** Molecular characterization of major histocompatibility complex class II gene expression and demonstration of antigen-specific T cell response indicate a new phenotype in class II–deficient patients

1425 ***Tiziana Musso, James A. Johnston, Diana Linnekin, Luigi Varesio, Tammy K. Rowe, John J. O'Shea, and Daniel W. McVicar.*** Regulation of JAK3 expression in human monocytes: phosphorylation in response to interleukins 2, 4, and 7

1433 ***Hilda R. Holcombe, A. Raúl Castaño, Hilde Cheroutre, Michael Teitell, Juli K. Maher, Per A. Peterson, and Mitchell Kronenberg.*** Nonclassical behavior of the thymus leukemia antigen: peptide transporter–independent expression of a nonclassical class I molecule

1445 ***Barton F. Haynes and Craig S. Heinly.*** Early human T cell development: analysis of the human thymus at the time of initial entry of hematopoietic stem cells into the fetal thymic microenvironment

1459 ***Kenneth L. Wright, Leigh C. White, Adrian Kelly, Stephan Beck, John Trowsdale, and Jenny P.-Y. Ting.*** Coordinate regulation of the human TAP1 and LMP2 genes from a shared bidirectional promoter

1473 ***Robin R. Ingalls and Douglas T. Golenbock.*** CD11c/CD18, a transmembrane signaling receptor for lipopolysaccharide

1481 ***Tim Elliott, Anthony Willis, Vincenzo Cerundolo, and Alain Townsend.*** Processing of major histocompatibility class I–restricted antigens in the endoplasmic reticulum

1493 ***John L. Ho, Suhui He, Airong Hu, Jiayuan Geng, Frank G. Basile, M. Gloria B. Almeida, Ana Yuri Saito, Jeffrey Laurence, and Warren D. Johnson, Jr.*** Neutrophils from human immunodeficiency virus (HIV)-seronegative donors induce HIV replication from HIV-infected patients' mononuclear cells and cell lines: an in vitro model of HIV transmission facilitated by *Chlamydia trachomatis*

1507 ***Shiori Hashimoto, Mariella Dono, Mariko Wakai, Steven L. Allen, Stuart M. Lichtman, Philip Schulman, Vincent P. Vinciguerra, Manlio Ferrarini, Jack Silver, and Nicholas Chiorazzi.*** Somatic diversification and selection of immunoglobulin heavy and light chain variable region genes in IgG^+CD5^+ chronic lymphocytic leukemia B cells

1519 ***Ursula von Freeden-Jeffry, Paulo Vieira, Linda A. Lucian, Tom McNeil, Stefan E. G. Burdach, and Richard Murray.*** Lymphopenia in interleukin (IL)-7 gene–deleted mice identifies IL-7 as a nonredundant cytokine

1527 ***Yasir A. W. Skeiky, Jeffrey A. Guderian, Darin R. Benson, Olivia Bacelar, Edgar M. Carvalho, Marek Kubin, Roberto Badaro, Giorgio Trinchieri, and Steven G. Reed.*** A recombinant *Leishmania* antigen that stimulates human peripheral blood mononuclear cells to express a Th1-type cytokine profile and to produce interleukin 12

1539 ***E. Racila, R. H. Scheuermann, L. J. Picker, E. Yefenof, T. Tucker, W. Chang, R. Marches, N. E. Street, E. S. Vitetta, and J. W. Uhr.*** Tumor dormancy and cell signaling. II. Antibody as agonist in inducing dormancy of a B cell lymphoma in SCID mice

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1551 ***Lennart Mucke, Carmela R. Abraham, Mary D. Ruppe, Edward M. Rockenstein, Stephanie M. Toggas, Margaret Mallory, Michael Alford, and Eliezer Masliah.*** Protection against HIV-1 gp120–induced brain damage by neuronal expression of human amyloid precursor protein

1557 ***Antony Rosen, Livia Casciola-Rosen, and Joseph Ahearn.*** Novel packages of viral and self-antigens are generated during apoptosis

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1569 ***Christiane Pfeiffer, Judith Stein, Scott Southwood, Heather Ketelaar, Alessandro Sette, and Kim Bottomly.*** Altered peptide ligands can control CD4 T lymphocyte differentiation in vivo

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1581 ***Pablo Engel, Norbert Wagner, Ann S. Miller, and Thomas F. Tedder.*** Identification of the ligand-binding domains of CD22, a member of the immunoglobulin superfamily that uniquely binds a sialic acid–dependent ligand

1587 ***Elisabetta Padovan, Claudia Giachino, Marina Cella, Salvatore Valitutti, Oreste Acuto, and Antonio Lanzavecchia.*** Normal T lymphocytes can express two different T cell receptor β chains: implications for the mechanism of allelic exclusion

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1615 ***Inge E. A. Flesch, Jürgen H. Hess, Sui Huang, Michel Aguet, Joachim Rothe, Horst Bluethmann, and Stefan H. E. Kaufmann.*** Early interleukin 12 production by macrophages in response to mycobacterial infection depends on interferon γ and tumor necrosis factor α

1623 ***Bruno Lucas, Florence Vasseur, and Claude Penit.*** Stochastic coreceptor shut-off is restricted to the CD4 lineage maturation pathway

1635 ***Etienne Larger, Chantal Bécourt, Jean François Bach, and Christian Boitard.*** Pancreatic islet β cells drive T cell–immune responses in the nonobese diabetic mouse model

1643 ***Katarina Lundberg, William Heath, Frank Köntgen, Francis R. Carbone, and Ken Shortman.*** Intermediate steps in positive selection: differentiation of $CD4^+8^{int}$ TCR^{int} thymocytes into $CD4^-8^+TCR^{hi}$ thymocytes

1653 ***Thomas Brocker and Klaus Karjalainen.*** Signals through T cell receptor–ζ chain alone are insufficient to prime resting T lymphocytes

1661 ***Naoufal Zamzami, Philippe Marchetti, Maria Castedo, Carole Zanin, Jean-Luc Vayssière, Patrice X. Petit, and Guido Kroemer.*** Reduction in mitochondrial potential constitutes an early irreversible step of programmed lymphocyte death in vivo

1673 ***Yili Yang, Mladen Merćep, Carl F. Ware, and Jonathan D. Ashwell.*** Fas and activation-induced Fas ligand mediate apoptosis of T cell hybridomas: inhibition of Fas ligand expression by retinoic acid and glucocorticoids

1683 ***Aron E. Lukacher, Yupo Ma, John P. Carroll, Sara R. Abromson-Leeman, Joseph C. Laning, Martin E. Dorf, and Thomas L. Benjamin.*** Susceptibility to tumors induced by polyoma virus is conferred by an endogenous mouse mammary tumor virus superantigen

1693 ***Marina Chuenkova and Miercio E. A. Pereira.*** *Trypanosoma cruzi trans*-sialidase: enhancement of virulence in a murine model of Chagas' disease

1705 ***Richard N. Mitchell, Krista A. Barnes, Stephan A. Grupp, Mercedes Sanchez, Ziva Misulovin, Michel C. Nussenzweig, and Abul K. Abbas.*** Intracellular targeting of antigens internalized by membrane immunoglobulin in B lymphocytes

1715 ***Krista A. Barnes and Richard N. Mitchell.*** Detection of functional class II–associated antigen: role of a low density endosomal compartment in antigen processing

1729 ***Sebastian Amigorena, Paul Webster, James Drake, John Newcomb, Peter Cresswell, and Ira Mellman.*** Invariant chain cleavage and peptide loading in major histocompatibility complex class II vesicles

1743 ***Mark M. Wurfel, Eric Hailman, and Samuel D. Wright.*** Soluble CD14 acts as a shuttle in the neutralization of lipopolysaccharide (LPS) by LPS-binding protein and reconstituted high density lipoprotein

1755 ***Nils G. Jacobson, Susanne J. Szabo, Renate M. Weber-Nordt, Zhong Zhong, Robert D. Schreiber, James E. Darnell, Jr., and Kenneth M. Murphy.*** Interleukin 12 signaling in T helper type 1 (Th1) cells involves tyrosine phosphorylation of signal transducer and activator of transcription (Stat)3 and Stat4

1763 ***J. D. Loike, J. El Khoury, L. Cao, C. P. Richards, H. Rascoff, J. T. H. Mandeville, F. R. Maxfield, and S. C. Silverstein.*** Fibrin regulates neutrophil migration in response to interleukin 8, leukotriene B4, tumor necrosis factor, and formyl-methionyl-leucyl-phenylalanine

1773 ***Lianjun Shen and Kevin P. Kane.*** Differential ability of isolated H-2 K^b subsets to serve as TCR ligands for allo-specific CTL clones: potential role for *N*-linked glycosylation

1785 ***Franz M. Karlhofer, Michael M. Orihuela, and Wayne M. Yokoyama.*** Ly-49–independent natural killer (NK) cell specificity revealed by NK cell clones derived from p53-deficient mice

1797 ***Antonio Puccetti, Michael P. Madaio, Grazia Bellese, and Paola Migliorini.*** Anti-DNA antibodies bind to DNase I

1805 ***Jean-Pierre Lévesque, David I. Leavesley, Silvana Niutta, Mathew Vadas, and Paul J. Simmons.*** Cytokines increase human hemopoietic cell adhesiveness by activation of very late antigen (VLA)-4 and VLA-5 integrins

1817 ***Jatin M. Vyas, John R. Rodgers, and Robert R. Rich.*** $H\text{-}2M3^a$ violates the paradigm for major histocompatibility complex class I peptide binding

1827 ***Konrad Pazdrak, Douglas Schreiber, Patricia Forsythe, Louis Justement, and Rafeul Alam.*** The intracellular signal transduction mechanism of interleukin 5 in eosinophils: the involvement of lyn tyrosine kinase and the Ras–Raf-1–MEK–microtubule-associated protein kinase pathway

1835 ***Shinji Shimoda, Minoru Nakamura, Hiromi Ishibashi, Kazuhiro Hayashida, and Yoshiyuki Niho.*** HLA DRB4 0101–restricted immunodominant T cell autoepitope of pyruvate dehydrogenase complex in primary biliary cirrhosis: evidence of molecular mimicry in human autoimmune diseases

1847 ***Juergen Hammer, Fabio Gallazzi, Elisa Bono, Robert W. Karr, Jeanmarie Guenot, Paola Valsasnini, Zoltan A. Nagy, and Francesco Sinigaglia.*** Peptide binding specificity of HLA-DR4 molecules: correlation with rheumatoid arthritis association

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1857 ***Yi Ren, Roy L. Silverstein, Janet Allen, and John Savill.*** CD36 gene transfer confers capacity for phagocytosis of cells undergoing apoptosis

1863 ***Anke Bender, Nicola Ernst, Antonio Iglesias, Klaus Dornmair, Hartmut Wekerle, and Reinhard Hohlfeld.*** T cell receptor repertoire in polymyositis: clonal expansion of autoaggressive $CD8^+$ T cells

1869 ***Mohamed H. Sayegh, Enver Akalin, Wayne W. Hancock, Mary E. Russell, Charles B. Carpenter, Peter S. Linsley, and Laurence A. Turka.*** CD28-B7 blockade after alloantigenic challenge in vivo inhibits Th1 cytokines but spares Th2

1875 ***Donald A. Rowley, Eric T. Becken, and Renée M. Stach.*** Autoantibodies produced spontaneously by young *lpr* mice carry transforming growth factor β and suppress cytotoxic T lymphocyte responses

1881 ***Tomohiko Aoe, Yasuhiro Okamoto, and Takashi Saito.*** Activated macrophages induce structural abnormalities of the T cell receptor–CD3 complex

1887 ***Felix Randow, Uta Syrbe, Christian Meisel, Dietmar Krausch, Heidrun Zuckermann, Cornelia Platzer, and Hans-Dieter Volk.*** Mechanism of endotoxin desensitization: involvement of interleukin 10 and transforming growth factor β

1893 ***Vicki M. Eng, Bruce D. Car, Bruno Schnyder, Meike Lorenz, Serena Lugli, Michel Aguet, Timothy D. Anderson, Bernhard Ryffel, and Valerie F. J. Quesniaux.*** The stimulatory effects of interleukin (IL)-12 on hematopoiesis are antagonized by IL-12–induced interferon γ in vivo

1899 ***Chae Gyu Park, Mi-Young Jung, Yongwon Choi, and Gary M. Winslow.*** Proteolytic processing is required for viral superantigen activity

1905 ***Hiroo Nakajima, Pierre Golstein, and Pierre A. Henkart.*** The target cell nucleus is not required for cell-mediated granzyme- or Fas-based cytotoxicity

1911 ***James C. Ryan, Eréne C. Niemi, Mary C. Nakamura, and William E. Seaman.*** NKR-P1A is a target-specific receptor that activates natural killer cell cytotoxicity

1917 ***Martin Irmler, Silvie Hertig, H. Robson MacDonald, Remy Sadoul, J. D. Becherer, Amanda Proudfoot, Roberto Solari, and Jürg Tschopp.*** Granzyme A is an interleukin 1β–converting enzyme

1923 ***Paola Panina-Bordignon, Rosmarie Lang, Peter M. van Endert, Elena Benazzi, Arthur M. Felix, Rocco M. Pastore, Giatgen A. Spinas, and Francesco Sinigaglia.*** Cytotoxic T cells specific for glutamic acid decarboxylase in autoimmune diabetes

1929 ***Dalia Gilat, Rami Hershkoviz, Isabela Goldkorn, Liora Cahalon, Gil Korner, Israel Vlodavsky, and Ofer Lider.*** Molecular behavior adapts to context: heparanase functions as an extracellular matrix–degrading enzyme or as a T cell adhesion molecule, depending on the local pH

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1945 ***Antonio Lanzavecchia.*** How can cryptic epitopes trigger autoimmunity?

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1953 ***Matthew L. Thomas.*** Of ITAMs and ITIMs: turning on and off the B cell antigen receptor

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1957 ***Phaedra D. Simitsek, David G. Campbell, Antonio Lanzavecchia, Neil Fairweather, and Colin Watts.*** Modulation of antigen processing by bound antibodies can boost or suppress class II major histocompatibility complex presentation of different T cell determinants

1965 ***Jin-Hwang Liu, Zhao-Mei Mu, and Kun-Sang Chang.*** PML suppresses oncogenic transformation of NIH/3T3 cells by activated *neu*

1975 ***Pawel Kisielow and Arkadiusz Miazek.*** Positive selection of T cells: rescue from programmed cell death and differentiation require continual engagement of the T cell receptor

1985 ***Ernst Lindhout, Arjan Lakeman, and Cornelis de Groot.*** Follicular dendritic cells inhibit apoptosis in human B lymphocytes by a rapid and irreversible blockade of preexisting endonuclease

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2017 ***Ram Raj Singh, Vipin Kumar, Fanny M. Ebling, Scott Southwood, Alessandro Sette, Eli E. Sercarz, and Bevra H. Hahn.*** T cell determinants from autoantibodies to DNA can upregulate autoimmunity in murine systemic lupus erythematosus

2029 ***Peter D. Katsikis, Eric S. Wunderlich, Craig A. Smith, Leonore A. Herzenberg, and Leonard A. Herzenberg.*** Fas antigen stimulation induces marked apoptosis of T lymphocytes in human immunodeficiency virus–infected individuals

2037 ***Yoshifumi Beck, Leonardo Satz, Yuji Takamiya, Setsuko Nakayama, Lin Ling, Yoshihide Ishikawa, Takeshi Nagao, Hisanori Uchida, Katsushi Tokunaga, Claudia Müller, Takeo Juji, and Masafumi Takiguchi.*** Polymorphism of human minor histocompatibility antigens: T cell recognition of human minor histocompatibility peptides presented by HLA-B35 subtype molecules

2049 ***Ajay K. Ajmani, Minoru Satoh, Elizabeth Reap, Philip L. Cohen, and Westley H. Reeves.*** Absence of autoantigen Ku in mature human neutrophils and human promyelocytic leukemia line (HL-60) cells and lymphocytes undergoing apoptosis

2059 ***Louis-Martin Boucher, Katja Wiegmann, Agnes Fütterer, Klaus Pfeffer, Thomas Machleidt, Stefan Schütze, Tak W. Mak, and Martin Krönke.*** CD28 signals through acidic sphingomyelinase

2069 ***Laurence Fiette, Christine Aubert, Ulrike Müller, Sui Huang, Michel Aguet, Michel Brahic, and Jean-François Bureau.*** Theiler's virus infection of 129Sv mice that lack the interferon α/β or interferon γ receptors

2077 ***Giovanni Pani, Maya Kozlowski, John C. Cambier, Gordon B. Mills, and Katherine A. Siminovitch.*** Identification of the tyrosine phosphatase PTP1C as a B cell antigen receptor–associated protein involved in the regulation of B cell signaling

2085 ***Jane A. McCutcheon, Jenny Gumperz, Kelly D. Smith, Charles T. Lutz, and Peter Parham.*** Low HLA-C expression at cell surfaces correlates with increased turnover of heavy chain mRNA

2097 ***Keiko Udaka, Karl-Heinz Wiesmüller, Stefan Kienle, Günther Jung, and Peter Walden.*** Decrypting the structure of major histocompatibility complex class I–restricted cytotoxic T lymphocyte epitopes with complex peptide libraries

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2119 ***Pamela J. Daffern, Philippe H. Pfeifer, Julia A. Ember, and Tony E. Hugli.*** C3a is a chemotaxin for human eosinophils but not for neutrophils. I. C3a stimulation of neutrophils is secondary to eosinophil activation

2129 ***Rita Carsetti, Georges Köhler, and Marinus C. Lamers.*** Transitional B cells are the target of negative selection in the B cell compartment

2141 ***Diana Tronik-Le Roux, Valérie Roullot, Annie Schweitzer, Rolande Berthier, and Gérard Marguerie.*** Suppression of erythro-megakaryocytopoiesis and the induction of reversible thrombocytopenia in mice transgenic for the thymidine kinase gene targeted by the platelet glycoprotein IIb promoter

2153 ***Sun Ying, L. Taborda-Barata, Qiu Meng, M. Humbert, and A. B. Kay.*** The kinetics of allergen-induced transcription of messenger RNA for monocyte chemotactic protein-3 and RANTES in the skin of human atopic subjects: relationship to eosinophil, T cell, and macrophage recruitment

2161 ***Mitsuo Takahashi, Tatsuo Yamada, Setsuko Nakajima, Katsuhisa Nakajima, Takayuki Yamamoto, and Hidechika Okada.*** The substantia nigra is a major target for neurovirulent influenza A virus

2171 ***Gunasegaran Karupiah and Nicholas Harris.*** Inhibition of viral replication by nitric oxide and its reversal by ferrous sulfate and tricarboxylic acid cycle metabolites

2181 ***Francesco Colotta, Simone Orlando, Emma Jane Fadlon, Silvano Sozzani, Cristian Matteucci, and Alberto Mantovani.*** Chemoattractants induce rapid release of the interleukin 1 type II decoy receptor in human polymorphonuclear cells

2189 ***Karen W. Muszynski, Francis W. Ruscetti, Gisela Heidecker, Ulf Rapp, Jakob Troppmair, John M. Gooya, and Jonathan R. Keller.*** Raf-1 protein is required for growth factor–induced proliferation of hematopoietic cells

2201 ***Sussan Dejbakhsh-Jones, Hitoaki Okazaki, and Samuel Stober.*** Similar rates of production of T and B lymphocytes in the bone marrow

2213 ***Michael A. Bowen, Dhavalkumar D. Patel, Xu Li, Brett Modrell, Alison R. Malacko, Wei-Chun Wang, Hans Marquardt, Michael Neubauer, John M. Pesando, Uta Francke, Barton F. Haynes, and Alejandro Aruffo.*** Cloning, mapping, and characterization of activated leukocyte–cell adhesion molecule (ALCAM), a CD6 ligand

2221 ***Ann B. Hill, Steven P. Lee, John S. Haurum, Nick Murray, Qing-Yen Yao, Martin Rowe, Nathalie Signoret, Alan B. Rickinson, and Andrew J. McMichael.*** Class I major histocompatibility complex–restricted cytotoxic T lymphocytes specific for Epstein-Barr virus (EBV) nuclear antigens fail to lyse the EBV-transformed B lymphoblastoid cell lines against which they were raised

2229 ***J. Michael Hurley, Richard Shimonkevitz, Adrienne Hanagan, Kristin Enney, Eric Boen, Sharon Malmstrom, Brian L. Kotzin, and Masazumi Matsumura.*** Identification of class II major histocompatibility complex and T cell receptor binding sites in the superantigen toxic shock syndrome toxin 1

2237 ***Justin A. Roake, Abdul S. Rao, Peter J. Morris, Christian P. Larsen, Deborah F. Hankins, and Jonathan M. Austyn.*** Dendritic cell loss from nonlymphoid tissues after systemic administration of lipopolysaccharide, tumor necrosis factor, and interleukin 1

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2253 ***Simonetta Salemi, Anna Paola Caporossi, Laura Boffa, Maria Grazia Longobardi, and Vincenzo Barnaba.*** HIVgp120 activates autoreactive CD4-specific T cell responses by unveiling of hidden CD4 peptides during processing

2259 ***Thomas F. Tedder, Douglas A. Steeber, and Pilar Pizcueta.*** L-selectin–deficient mice have impaired leukocyte recruitment into inflammatory sites

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